

Title (en)  
VALVE ASSEMBLY

Title (de)  
VENTILANORDNUNG

Title (fr)  
ENSEMBLE DE ROBINET

Publication  
**EP 1846684 A1 20071024 (EN)**

Application  
**EP 06720211 A 20060203**

Priority  
• US 2006003797 W 20060203  
• US 5296405 A 20050208

Abstract (en)  
[origin: US2006174946A1] A fluid control valve includes flexible coupling between a handle and a valve stem which allows the components of the assembly on one side of a wall to be angularly misaligned with the components on the opposing side. Because the components adjacent to the room side of the wall can be mounted perpendicular to the wall, a decorative escutcheon can be mounted flush against the mounting wall when the wall or the valve is out of plumb.

IPC 8 full level  
**F16K 31/60** (2006.01); **F16D 3/74** (2006.01); **G05G 1/12** (2006.01)

CPC (source: EP KR US)  
**F16D 3/2057** (2013.01 - EP US); **F16D 3/74** (2013.01 - KR); **F16K 11/06** (2013.01 - KR); **F16K 31/60** (2013.01 - KR);  
**F16K 31/605** (2013.01 - EP US); **G05G 1/12** (2013.01 - EP KR US); **Y10T 137/6977** (2015.04 - EP US); **Y10T 137/698** (2015.04 - EP US)

Citation (search report)  
See references of WO 2006086221A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**US 2006174946 A1 20060810; US 7509971 B2 20090331**; AT E426120 T1 20090415; AU 2006213013 A1 20060817;  
AU 2006213013 B2 20110630; BR PI0606927 A2 20091201; CA 2597052 A1 20060817; CA 2597052 C 20130122; CL 2007002398 A1 20080418;  
CN 101137861 A 20080305; CN 101137861 B 20110105; DE 602006005791 D1 20090430; EP 1846684 A1 20071024;  
EP 1846684 B1 20090318; ES 2321759 T3 20090610; KR 20070121654 A 20071227; MX 2007009575 A 20070925; NZ 560479 A 20100129;  
RU 2007133598 A 20090320; RU 2403483 C2 20101110; TW 200632241 A 20060916; WO 2006086221 A1 20060817

DOCDB simple family (application)  
**US 5296405 A 20050208**; AT 06720211 T 20060203; AU 2006213013 A 20060203; BR PI0606927 A 20060203; CA 2597052 A 20060203;  
CL 2007002398 A 20070817; CN 200680007369 A 20060203; DE 602006005791 T 20060203; EP 06720211 A 20060203;  
ES 06720211 T 20060203; KR 20077020449 A 20070907; MX 2007009575 A 20060203; NZ 56047906 A 20060203;  
RU 2007133598 A 20060203; TW 95104039 A 20060207; US 2006003797 W 20060203